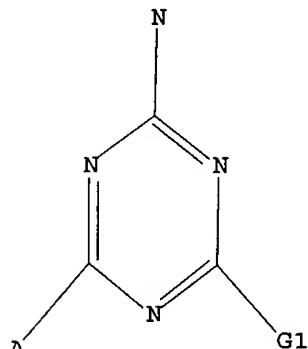


~~100/399,064~~ 10/005,064.

Rough Search

=>  
Uploading 10005064.str  
L1 STRUCTURE UPLOADED  
=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 06:52:29 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 6264 TO ITERATE

16.0% PROCESSED 1000 ITERATIONS 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

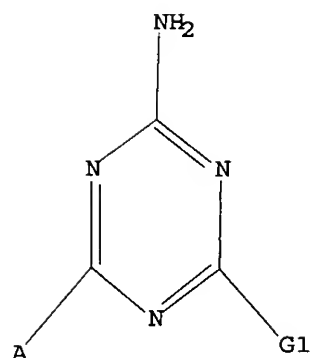
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 120539 TO 130021  
PROJECTED ANSWERS: 85075 TO 93073

L2 50 SEA SSS SAM L1

=>  
Uploading 10005064.str

L3 STRUCTURE UPLOADED  
=> d l3  
L3 HAS NO ANSWERS  
L3 STR

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G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l3 sss sam

SAMPLE SEARCH INITIATED 06:56:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6264 TO ITERATE

16.0% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 120539 TO 130021

PROJECTED ANSWERS: 14219 TO 17601

L4 50 SEA SSS SAM L3

=>

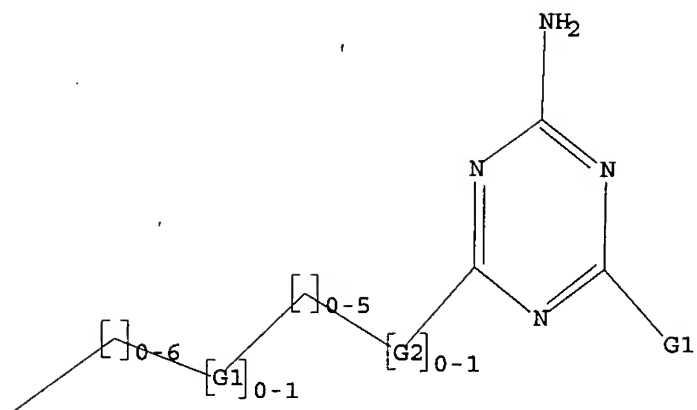
Uploading 10005064.str

L5 STRUCTURE UPLOADED

=> d l5

L5 HAS NO ANSWERS

L5 STR



G1 O,S,N

G2 C,O

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l5 sss sam

SAMPLE SEARCH INITIATED 06:59:48 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6951 TO ITERATE

14.4% PROCESSED 1000 ITERATIONS  
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
 SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 134027 TO 144013

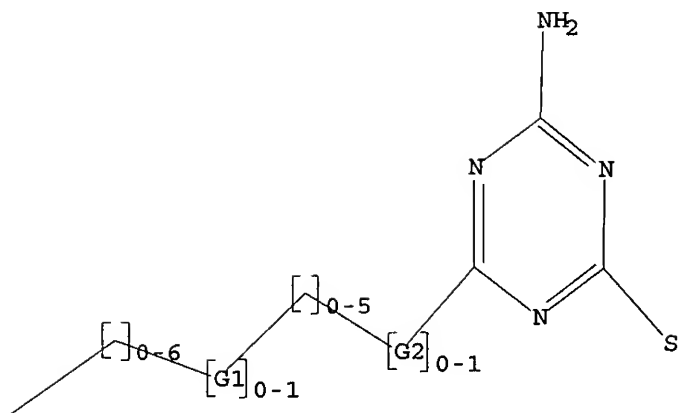
PROJECTED ANSWERS: 9837 TO 12683

L6 50 SEA SSS SAM L5

=&gt; d l7

L7 HAS NO ANSWERS

L7 STR



G1 O,S,N

G2 C,O

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l7 sss sam

SAMPLE SEARCH INITIATED 07:02:28 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 422 TO ITERATE

100.0% PROCESSED 422 ITERATIONS

23 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 7208 TO 9672

PROJECTED ANSWERS: 173 TO 747

L8 23 SEA SSS SAM L7

=&gt; s l7 sss ful

FULL SEARCH INITIATED 07:02:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8755 TO ITERATE

100.0% PROCESSED 8755 ITERATIONS

450 ANSWERS

SEARCH TIME: 00.00.03

L9 450 SEA SSS FUL L7

=&gt; s l9

L10 216 L9

=&gt; file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.19

146.92

FILE 'REGISTRY' ENTERED AT 07:04:38 ON 13 MAY 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8  
DICTIONARY FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

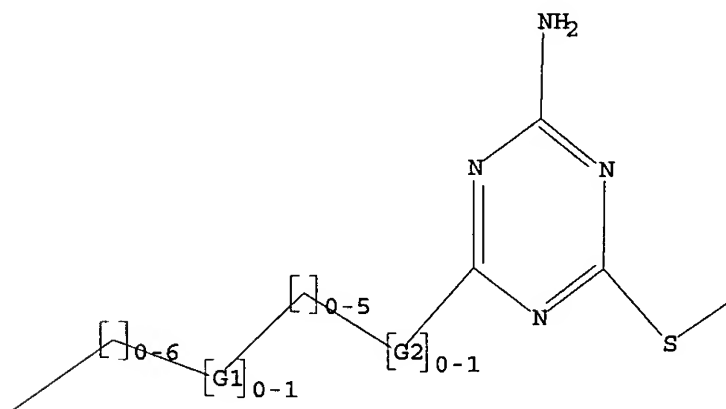
Uploading 10005064 (ex2).str

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



G1 O,S,N

G2 C,O

Structure attributes must be viewed using STN Express query preparation.

=> s l11 sss sam

SAMPLE SEARCH INITIATED 07:05:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 336 TO ITERATE

100.0% PROCESSED 336 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5621 TO 7819

PROJECTED ANSWERS: 93 TO 587

L12 17 SEA SSS SAM L11

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2016 OR 2026 OR 2039 OR 2040

L13 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\10005064 (ex2).str

L14 STRUCTURE UPLOADED

=> que L14 NOT L13

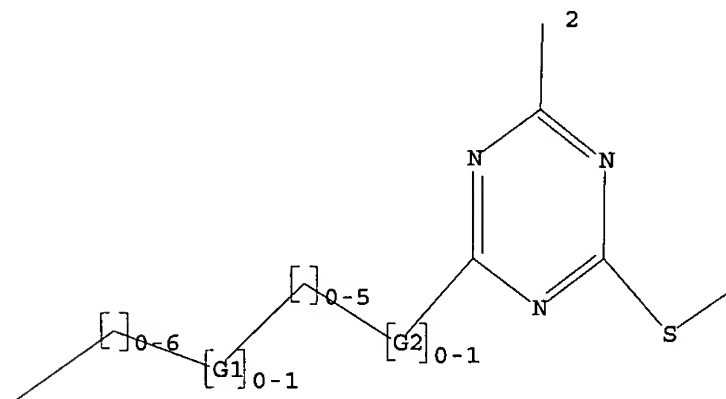
L15 QUE L14 NOT L13

=> d l15

L15 HAS NO ANSWERS

L13 SCR 2016 OR 2026 OR 2039 OR 2040

L14 STR



G1 O,S,N

G2 C,O

Structure attributes must be viewed using STN Express query preparation.

L15 QUE L14 NOT L13

=> s l15 sss sam

SAMPLE SEARCH INITIATED 07:06:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 313 TO ITERATE

100.0% PROCESSED 313 ITERATIONS

16 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5199 TO 7321

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PROJECTED ANSWERS: 80 TO 560

L16 16 SEA SSS SAM L14 NOT L13

=> s l15 sss ful

FULL SEARCH INITIATED 07:06:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6493 TO ITERATE

100.0% PROCESSED 6493 ITERATIONS

386 ANSWERS

SEARCH TIME: 00.00.02

L17 386 SEA SSS FUL L14 NOT L13

=> s l17

L18 174 L17

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2016 OR 2026 OR 2039 OR 2040

L19 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\10005064 (ex2).str

L20 STRUCTURE UPLOADED

=> que L20 NOT L19

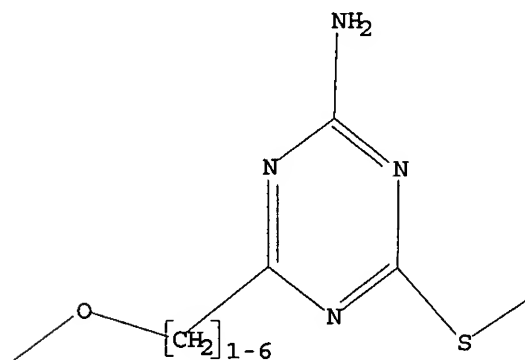
L21 QUE L20 NOT L19

=> d l21

L21 HAS NO ANSWERS

L19 SCR 2016 OR 2026 OR 2039 OR 2040

L20 STR



Structure attributes must be viewed using STN Express query preparation.

L21 QUE L20 NOT L19

=> s l21 sss sam

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SAMPLE SEARCH INITIATED 07:10:03 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L22 0 SEA SSS SAM L20 NOT L19

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2016 OR 2026 OR 2039 OR 2040

L23 SCREEN CREATED

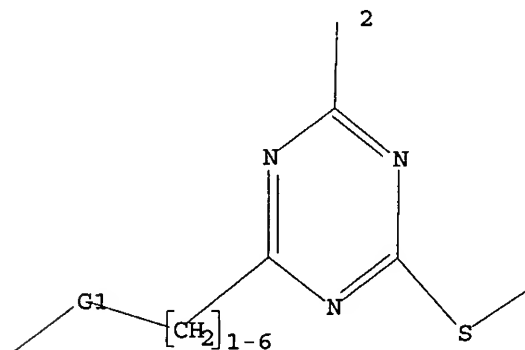
=>  
Uploading C:\STNEXP4\QUERIES\10005064 (ex2).str

L24 STRUCTURE UPLOADED

=> que L24 NOT L23

L25 QUE L24 NOT L23

=> d l25  
L25 HAS NO ANSWERS  
L23 SCR 2016 OR 2026 OR 2039 OR 2040  
L24 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.  
L25 QUE L24 NOT L23

=> s l25 sss sam  
SAMPLE SEARCH INITIATED 07:19:37 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 24 TO ITERATE



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100.0% PROCESSED 24 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 187 TO 773  
PROJECTED ANSWERS: 0 TO 0

L26 0 SEA SSS SAM L24 NOT L23

=> s l25 sss ful  
FULL SEARCH INITIATED 07:20:04 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 448 TO ITERATE

100.0% PROCESSED 448 ITERATIONS  
SEARCH TIME: 00.00.02

7 ANSWERS

L27 7 SEA SSS FUL L24 NOT L23

=> s l27  
L28 1 L27

=> d l28 bib,ab,hitstr

L28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
 AN 1990:532221 CAPLUS  
 DN 113:132221  
 TI Preparation of N-arylsulfonyl-N'-triazinylurea derivatives as herbicides  
 IN Levitt, George  
 PA du Pont de Nemours, E. I., and Co., USA  
 SO U.S., 74 pp. Cont.-in-part of U.S. 4,305,884.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4892946	A	19900109	US 1980-209307	19801124
	US 4394506	A	19830719	US 1979-98781	19791130
	US 4305884	A	19811215	US 1980-171355	19800723
	AU 547325	B2	19851017	AU 1983-13286	19830408
	AU 8313286	A1	19830804		
PRAI	US 1979-98781		19791130		
	US 1980-171355		19800723		
	US 1978-910965		19780530		
	US 1978-965070		19781130		
	US 1979-15341		19790301		
	US 1979-29281		19790413		
	AU 1979-47545		19790529		
	US 1979-49149		19790618		
	US 1980-119165		19800206		

OS MARPAT 113:132221

AB The title urea derivs. [I; R = C1-12 alkoxy, C3-10 alkenyloxy, alkynyloxy, 1-indolinyl, etc.; R2 = NCO, CF3SO2NH, etc.; R3 = H, Me, Cl, Br, F; W = O, S; X = H, Cl, Me, alkoxy, etc.; Y = H, F, Cl, Br, C1-4 alkyl, etc.; Z = N, CH] are prepd. and are useful as herbicides. To a soln. of isocyanate deriv. II in MeCN was added in small portions at room temp. triazine deriv. III to give the urea deriv. I (R = X = MeO, R2 = 5-NCO, R3 = H, W = O, Y = Me, Z = N). Among approx. 50 I prepd. 20 were tested to show pre- and post-emergent herbicidal activity at 0.05 g/ha against a wide variety of weeds.

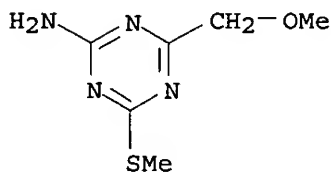
IT 129346-28-7

RL: PROC (Process)

(addn. of, with benzenesulfonyl isocyanate deriv.)

RN 129346-28-7 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-(methoxymethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



=&gt; d his

(FILE 'HOME' ENTERED AT 06:51:50 ON 13 MAY 2002)

FILE 'REGISTRY' ENTERED AT 06:52:01 ON 13 MAY 2002

L1 STRUCTURE UPLOADED  
 L2 50 S L1 SSS SAM

FILE 'STNGUIDE' ENTERED AT 06:52:59 ON 13 MAY 2002

FILE 'REGISTRY' ENTERED AT 06:55:41 ON 13 MAY 2002

L3 STRUCTURE UPLOADED  
 L4 50 S L3 SSS SAM  
 L5 STRUCTURE UPLOADED  
 L6 50 S L5 SSS SAM  
 L7 STRUCTURE UPLOADED  
 L8 23 S L7 SSS SAM  
 L9 450 S L7 SSS FUL

FILE 'CAPLUS' ENTERED AT 07:02:55 ON 13 MAY 2002

L10 216 S L9

FILE 'REGISTRY' ENTERED AT 07:04:38 ON 13 MAY 2002

L11 STRUCTURE UPLOADED  
 L12 17 S L11 SSS SAM  
 L13 SCREEN 2016 OR 2026 OR 2039 OR 2040  
 L14 STRUCTURE UPLOADED  
 L15 QUE L14 NOT L13  
 L16 16 S L15 SSS SAM  
 L17 386 S L15 SSS FUL

FILE 'CAPLUS' ENTERED AT 07:07:08 ON 13 MAY 2002

L18 174 S L17

FILE 'STNGUIDE' ENTERED AT 07:07:45 ON 13 MAY 2002

FILE 'REGISTRY' ENTERED AT 07:09:38 ON 13 MAY 2002

L19 SCREEN 2016 OR 2026 OR 2039 OR 2040  
 L20 STRUCTURE UPLOADED  
 L21 QUE L20 NOT L19  
 L22 0 S L21 SSS SAM

FILE 'STNGUIDE' ENTERED AT 07:10:43 ON 13 MAY 2002

FILE 'REGISTRY' ENTERED AT 07:19:14 ON 13 MAY 2002

L23 SCREEN 2016 OR 2026 OR 2039 OR 2040  
 L24 STRUCTURE UPLOADED  
 L25 QUE L24 NOT L23  
 L26 0 S L25 SSS SAM  
 L27 7 S L25 SSS FUL

FILE 'CAPLUS' ENTERED AT 07:20:15 ON 13 MAY 2002

L28 1 S L27

FILE 'CAOLD' ENTERED AT 07:21:13 ON 13 MAY 2002

=&gt; s l27

L29 0 L27